



July 2024

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Picture of Långsjön taken by Laila Islamovic.

Bolin Centre Newsletter #7

Dear members of the Bolin Centre,

We are pleased to inform you that the nomination process for the appointment of a new Research Theme 1 leader has now concluded. We extend our gratitude to all those who participated in the process. The existing team of leaders is supplemented with two prominent candidates: **Léon Chafik** (MISU) and **Liine Heikkinen** (ACES). We wish Léon and Liine the best of luck in their new roles and look forward to the contributions they will bring to our work.

We would also like to take a moment to express our appreciation for **Thorsten Mauritsen**, one of the RT1 leaders. His decision to step down in June 2024 is met with gratitude for the contributions he has made during his term. Thorsten's commitment, availability, and expertise in climate dynamics and interactions between the atmosphere and oceans have significantly influenced RT1's work. We wish him the best of luck in future.

Be part of the Stockholm University Expert list

The university has a comprehensive contact list of experts within certain areas, among them being "[Climate and climate change](#)". In an effort to make press and media activities more streamlined, we would like to encourage those of you that are interested in being part of the expert list to get in contact with Per Larsson: per.larsson@su.se. Please provide him with your area of expertise as well as contact information.

And lastly, please save the dates for the **Bolin Days on 13-14 November, 2024!** Registration will open after the summer break.

On behalf of the Bolin Centre Directorate, we'd like to wish you all a nice and relaxing summer! We will be back with the next newsletter in September.

Kind regards,
Laila & Maria



Group photo on the stairs of the Royal Swedish Academy of Sciences, Stockholm. Photo: KVA

Reflections from the 5th International PalaeoArc Conference & the Bolin Centre RT1-RT3 workshop at KVA

The 5th International PalaeoArc Conference was organized at Stockholm University, The Swedish Museum of Natural History and the Royal Swedish Academy of Sciences over three days (Monday May 27–Wednesday May 29). It attracted 103 scientists (28% early career) from 17 countries, mainly from Europe but also North America and Asia. The conference was organized by staff from the Department of Geological Sciences, Stockholm University and The Natural History Museum. The conference was co-sponsored by the Bolin Centre Research Theme 3 “Past Climates” as well as Arctic Avenue, a spearhead Arctic research collaboration between the University of Helsinki and Stockholm University.

As outlined in the description of [the PalaeoArc international network research programme](#), the 85 presentations (55 oral, 30 poster) covered a wide range of topics, spanning present-day processes in the Arctic to environmental and climatic changes over past centuries to millions of years. The conference had an excellent balance of marine and terrestrial scientists including archaeologists, facilitating the open exchange and intergration of different perspectives on past and present Arctic climate change. 18 local students and scientists presented their research at PaleoArc. A notable sub-theme of this years meeting was on last interglacial climates of the Arctic, with considerable dialogue in the community about the interpretation of marine proxies for past sea ice conditions, and the basic geochronological tools used to identify and date past interglacial sediments. Two breakthrough papers led by Bolin Centre scientists are at the center of this discussion and including new evidence for a seasonally ice-free Arctic in the Last Interglacial ([Vermassen et al. 2023](#)) and a revised Quaternary biochronology for Arctic Ocean sediments ([Razmjooei et al. 2023](#)). The full [PalaeoArc program book](#) can be found online...

[Read more](#)



Working with sprinkler during one of the irrigation days. Photo: Anna Johansson.

Future Heavier Summer Rainfall and Its Impact on Permafrost Thaw

How can we understand the link between precipitation and permafrost carbon feedback? Learn more in a summary of three scientific articles.

Recent research led by Rúnna Magnússon from Wageningen University and Research (WUR) and Alexandra Hamm from the Department of Physical Geography, Stockholm University, has explored how increasing summer rainfall due to climate change will impact permafrost thaw in the Arctic. Read more about Runa and Aleandra's research by clicking the link below.

[Read more](#)



In the early summer of 2024, the FORCE research project carried out extensive sampling along the central Baltic coast. Johan Eklöf (centre) lead the team investigating Krysshamnsviken. Photo: Isabell Stenson

FORCE investigates how sticklebacks affect coasts and climate

Large predatory fish have become harder to find in the coastal bays of the Baltic Sea, which are now dominated by sticklebacks. Many of these bays have also become more turbid and show signs of severe eutrophication. Scientists have seen this shift spread from the open sea to coastal environments and are now looking for explanations as to why this has happened and whether it could contribute to unforeseen climate impacts.

In one of the largest field sampling programmes of the year, the FORCE project map changes and how best to restore coastal predatory fish stocks and biodiversity. From Västervik to Östhammar, the composition of fish species, plants and algae living in 32 different bays will be analysed. In addition, samples of nutrient levels and plankton will reveal the water quality in these areas...

[Read more](#)



FORSKAR FREDAG

En del av European Researchers' Night

Do you want to be a part of ForskarFredag 2024?

Bolin Centre is planning to participate in [ForskarFredag 2024](#), which will take place on **September 27th**, and this year's theme is "[Research in our everyday day](#)".

ForskarFredag aims to promote interest in science among high school children and is organized by universities, science centers, museums, etc., across the whole of Sweden. The event is coordinated by Vetenskap & Allmänhet and Vetenskapshuset. A range of activities is planned, including experiments, demonstrations, shows, exhibitions, science cafés, and small group talks. These exciting activities allow engagement and meetings with researchers. The events aim to showcase that researchers are ordinary people with extraordinary jobs and that research relies on communication and cooperation.

At AlbaNova Campus, Bolin Centre's researchers will showcase practical experiments illustrating climate science. It's a unique opportunity for participants to learn more about fascinating climate research and for researchers to exercise their communication skills. Knowing Swedish is not necessary.

--> This year's "Borrow a researcher" (Låna en forskare) still has some slots open, if you are interested in being part of this, let us know! **Bookings will open on 13 August.**

--> Do you want to become the very best at presenting your research in four minutes? Then you should apply for [Forskar Grand Prix Digital](#). **Registration closes at 1 August.**

If you would like to be part of this event or get more information about it, please email your interest to: stella.papadopoulou@aces.su.se

Postdoctoral fellow in atmospheric science to run and analyse data from the CIMs on Askö.

Details here: <https://su.varbi.com/se/what:job/jobID:739355/>

Last application date **2024-09-15**



Here, we highlight a selection of funding opportunities and activities broadly related to sustainability.

The Swedish Environmental Protection Agency

Call for research Towards ecosystem-based aquatic management

Individual researchers or research groups are invited to apply for funding for research projects for up to three years (2025–2027). The total budget for the call is approximately SEK 40 million.

Deadline: 12 September

[More info](#)

Call for Environmental Monitoring of the Future

Individual researchers or research groups are invited to apply for funding for research projects of a maximum of five million SEK and a period of up to three years (2025–2027). The total budget for the call is approximately 30 MSEK.

Deadline: 12 September

[More info](#)

Call for interdisciplinary collaborations within University Alliance Stockholm Trio

The University Alliance Stockholm Trio, comprising Karolinska Institutet, KTH, and Stockholm University, is proud to announce the opening of a new call for interdisciplinary collaborations in education and research. To compete for funding, applications must include all three universities, address Agenda 2030, and involve research or education.

The call is part of the initiative Stockholm Trio for Sustainable Actions, which supports interdisciplinary research and education for sustainable development with a particular focus on climate and health.

Deadline: 30 September

[More info](#)

EEA Urban Treasures Photo Competition

The European Environment Agency (EEA) has recently launched a call for entries to the **Urban Treasures photo competition**. This year, the EEA invites us to look at cities and towns not merely as concrete grids, but as vibrant and breathing ecosystems. Let's celebrate our progress toward a more sustainable future.

Our annual photo competitions attract thousands of people with a creative eye, capturing our planet through the camera lens. It is one of our main outreach activities, which enables people to become active participants in raising awareness and help shedding light on pressing environmental issues and the necessity to preserve nature. [Read more about the competition here.](#)

Region Stockholm i samarbete med Stockholms universitet

Ansökan av 2025 års forskningsanslag från Region Stockholm är öppen. Du kan söka inom områdena life science, psykisk hälsa, klimat och samhällsplanering, kultur samt digitalisering och ditt projekt ska beröra utmaningar som är relevanta för Region Stockholm. Projektmedel kan beviljas för 1-3 år med upp till 1 miljon kronor per projekt och år. Utlysningen riktar sig enbart till forskare vid Stockholms universitet.

Sista ansökningsdag: 21 augusti

[Mer info](#)

CALENDAR

Bolin Centre Events

13-14
NOVEMBER

Bolin Day's 2024

Save the date! More info TBA.

External events

1
AUGUST

Deadline Forskar Grand Prix Digital

The competition Forskar Grand Prix Digital, which is part of the European Researcher's Night (ForskarFredag), has a deadline on 1st August if you'd like to participate. Read more (in Swedish) [here](#).

27
AUGUST

MSCA-Postdoctoral Fellowships – Questions and Answers Seminar for Applicants

The Office for Research, Engagement and Innovation Services (REIS) will arrange a Questions & Answers seminar for researchers preparing a MSCA-PF proposal with Stockholm University as beneficiary/host. The seminar aims to address questions and potential issues that may arise close to the proposal deadline. Foreign research fellows working with an SU supervisor are welcome to participate.

If you (researcher or supervisor) wish to participate in the seminar, please contact Viviana Stechina by email viviana.stechina@su.se to register to the seminar.

Researchers are encouraged to submit their questions in advance, by Friday, August 23.

Time: 15:00-16:00

Venue: Online

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SEPTEMBER

Klimatseminariet 2024

Tid: 08.30 - 16.30

Plats: Storsjöteatern Östersund & Online

Kom och delta i Klimatseminariet - en dag för att påskynda klimatomställningen. Med spännande talare, diskussioner och möten kommer vi alla att bli inspirerade till fortsatt arbete och ta steg framåt i klimatarbetet för Jämtlands län.

[Läs mer här.](#)

Bolin members in media

- Love Dalén in Svenska Dagbladet: "[Mammutupptäckten - 'dålig nyhet'](#)"
- Josefin Axelsson in Svenska Dagbladet: "[Allt i partiet handlar om kärnkraft - inte klimat](#)"
- Martin Jakobsson & Nina Kirchner in Grönt Samhällsbyggande: "[Grönlandsexpedition med Oden för att studera smältande glaciärer](#)"
- Léon Chafik in TV4 Nyhetsmorgon: "[Alarmerande rapporter om Golfströmmen får mothugg](#)"
- Gustaf Hugelius, Torben König & Erik Kjellstöm in SMHI-podden: "[Klimatforskarna svarar på allmänhetens frågor](#)"

Bolin Centre publications

As part of our ongoing efforts to keep our community updated and informed, we encourage you to share your recent publications with us by emailing bolin@su.se. By doing so, we can ensure that our list of scientific journal publications remains comprehensive and up to date.

Here you will find the list of recent publications at bolin.su.se/publications

The Bolin Centre Annual Reports summarize the scientific achievements of the Bolin Centre and its scientists throughout the years and outline main activities. [You will find our Annual Report here](#)

NEWS FROM THE ECR NETWORK & CRS

Join APECS Sweden!

The Association of Polar Early Career Scientists is an organisation that aims to stimulate interdisciplinary and international research collaborations, in addition to developing effective future leaders in polar research, education and outreach.

Are you interested in becoming a member of APECS Sweden?

APECS membership is free and is valid for three years. As a member you will automatically receive our announcements and a newsletter.

To sign up, visit [APECS International's webpage](#) and fill in the registration form. By choosing Sweden as your country of residence you will automatically be included in our mailing list.

Get involved

Sixth SWACCS Junior Academy Workshop (JAWS)

AWS is a workshop organized by the Swedish Academic Consortium on Chemical Safety (SWACCS), Stockholm University and Karolinska Institutet for PhD students, master students, postdocs and researchers working in all fields related to chemicals, health and the environment. We're offering exciting presentations, great networking opportunities, and a workshop on how to write a press release for your own research. Also, join us one day early (on August 28th) and be part of the SWACCS Regulatory Toxicology II course's concept mapping workshop, where you can learn more about the various kinds of scientific evidence being used by different organizations in society and how these sectors interact and collaborate with one another to reach the goal of a chemical safe future.

Please register no later than July 5.

[Register here](#)

ERC Advanced Grant 2024 (max 2,5 million Euro)

Deadline: 29 August

[More info](#)

Preliminary deadlines for ERC calls (according to drafted document)

ERC Starting Grant 2025 – 15 October 2024

ERC Synergy Grant 2025 – 6 November 2024

ERC Consolidator Grant 2025 – 14 January 2025

ERC Advanced Grant 2025 – 28 August 2025

The deadlines will be published in the document "ERC Work Programme 2025", probably in July 2024.

Read about the support at Stockholm University [here](#).

If you contact us early, then we can provide more support: Lars Emrén,
lars.emren@su.se

Dear Members of Researcher's Desk,

This is a shorter version of our weekly newsletter as it is summertime:

1. Contribute to the EU Horizon project "[ENABLES](#)" by participating in [a survey](#) that aims to discover the degree of awareness in society regarding **the loss of biological diversity**, its socio-ecological and economic consequences, and the importance of nature-based solutions.

2. Recommended by our members:

- [Thomas Murphy: "Physics and Planetary Ambitions" | The Great Simplification](#)

3. Why not write a [FAQ](#) for Researchers' Desk. We need one-line questions and a one-paragraph answers in Swedish or English. Send suggestions to: alasdair.skelton@geo.su.se.

4. This is the seminar line up (so far) for the Autumn semester:

- Sep 4 – Maya Sundsten, International Cryosphere Climate Initiative: Science-led Policymaking, the Obstacles and What (Sometimes) Works.
- Sep 11 – Cecilia Lundholm, Professor, Stockholm University on school pupil 's values and beliefs regarding policy responses to climate change and climate change education.
- Sep 18 – Caroline Greiser, Researcher, Stockholm University – "Drier soils lead to warmer forests."
- Sep 25 – Christoffer Söderlund Kanarp, SLU – "From imagination to practical consciousness – Meaning making in climate change adaptation"
- Oct 9 – Ria Dunkley, Senior Lecturer, University of Glasgow – "Pathways to Climate Equity: Perspectives on Advocacy and Action."
- Oct 16 – Fredrik von Malmborg, Associate Professor, Linköping University, Strategies and impacts of policy entrepreneurs: Ideology, democracy' and the quest for a just transition

Profile products

If you need Bolin Centre logos or promotional material for your upcoming presentations, reports, or other activities, please feel free to get in touch. We have stickers with our logo, T-shirts (limited sizes, mostly XL-2XL), bags and buffs. *We are currently working on placing another order, more sizes should be available this fall.*

To make a request, kindly reach out to Maria Basova at maria.basova@aces.su.se, and we will be more than happy to assist you.

All members of the Bolin Centre receive the Bolin Centre Newsletter once a month, which presents our current activities and latest news.

If you have suggestions or research that you would like to share in upcoming newsletters, please contact bolin@su.se. Please note that the newsletter is typically sent once a month.

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SOCIAL MEDIA

